NOVEL HETEROBIFUNCTIONAL MONOMERS AND USES THEREFOR

ABSTRACT

In accordance with the present invention, there are provided novel heterobifunctional monomers and uses for the same. Invention compounds have many of the properties required by the microelectronics industry, such as, for example, hydrophobicity, high T_g values, low dielectric constant, ionic purity, low coefficient of thermal expansion (CTE), and the like. These properties result in a thermoset that is particularly well suited to high performance applications where typical operating temperatures are often significantly higher than those at which prior art materials were suitable. Invention compounds are particularly ideal for use in the manufacture of electronic components, such as, for example, printed circuit boards, and the like.